

Fig. 1

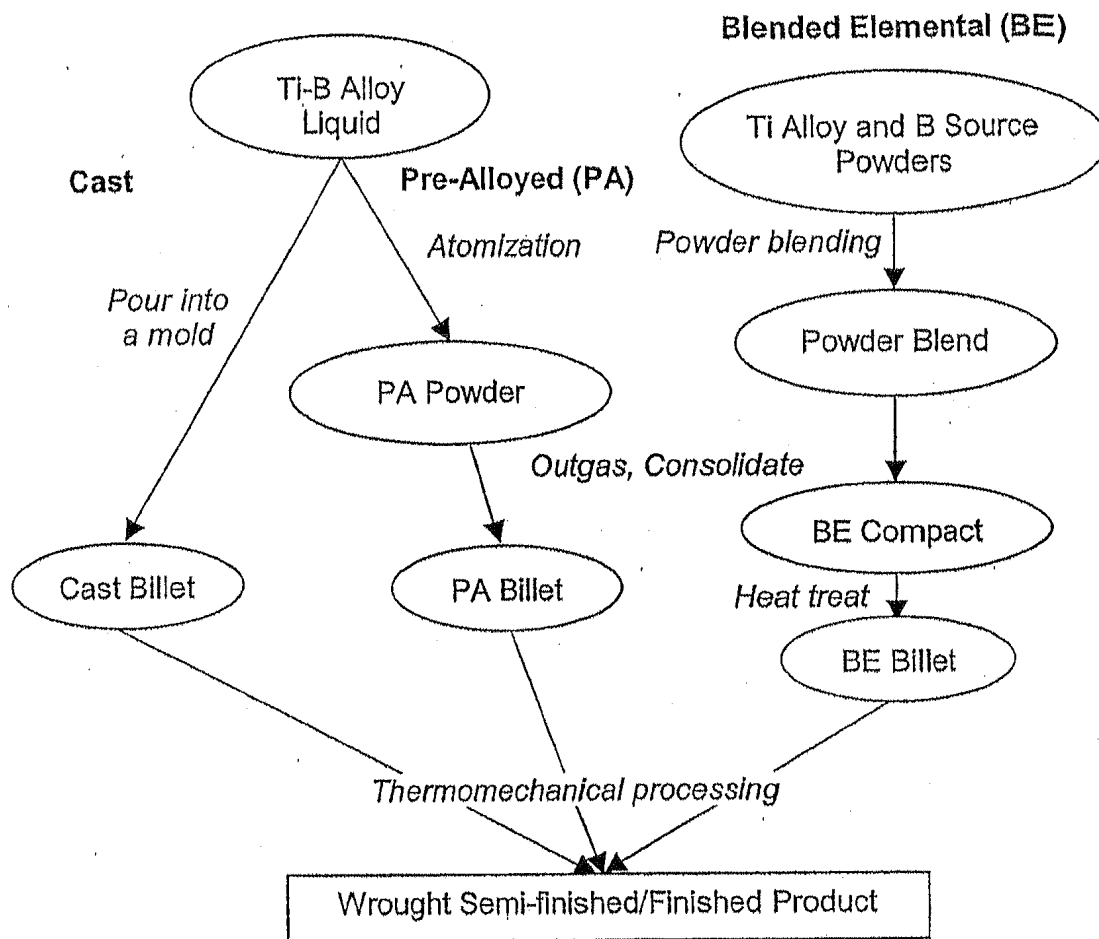


Fig. 2

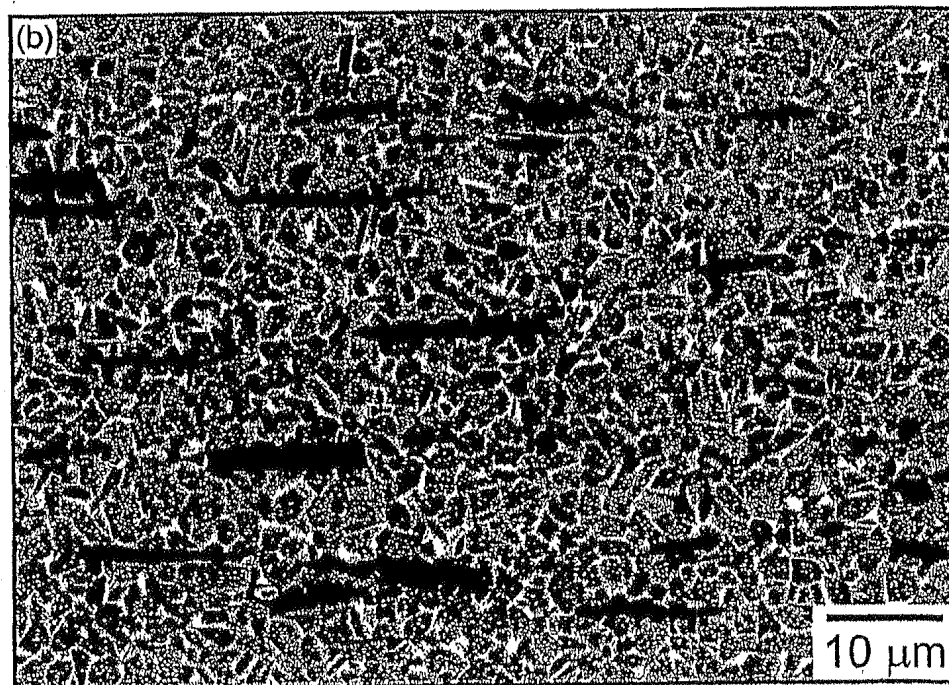
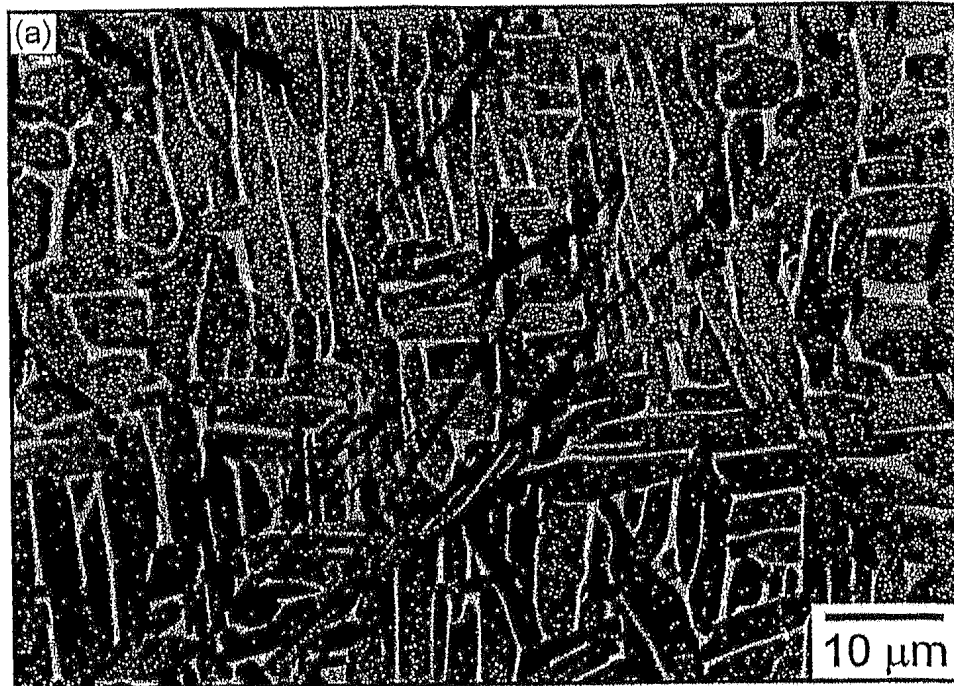


Fig. 3

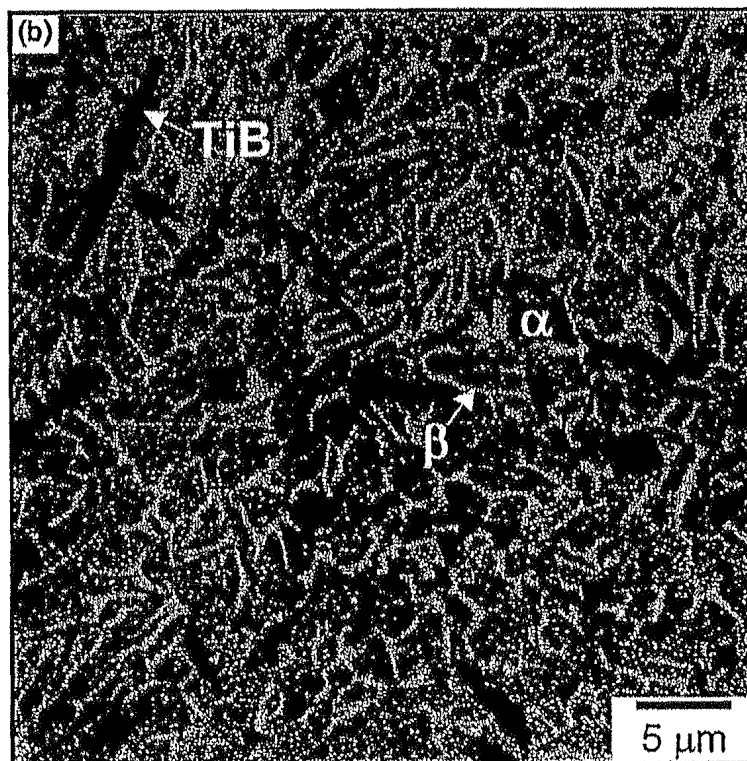
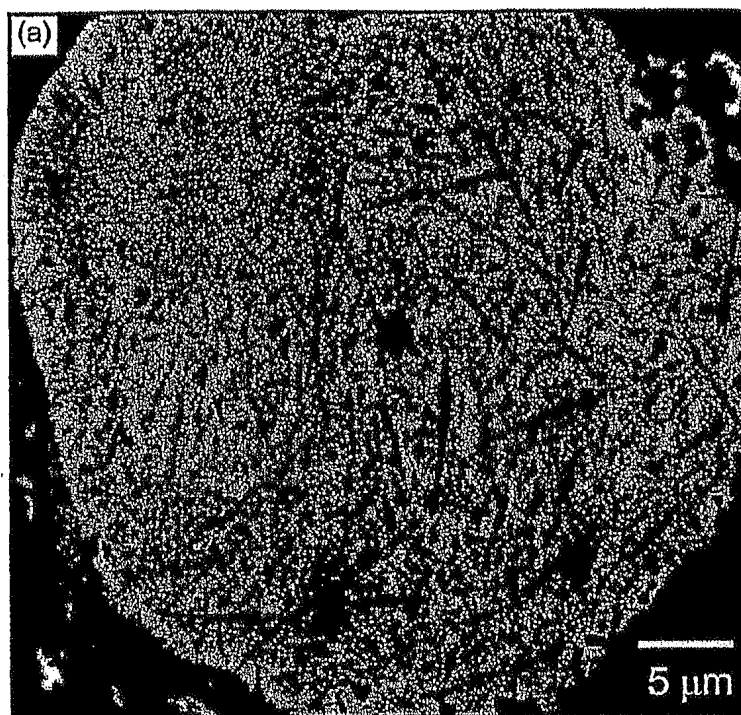


Fig. 4

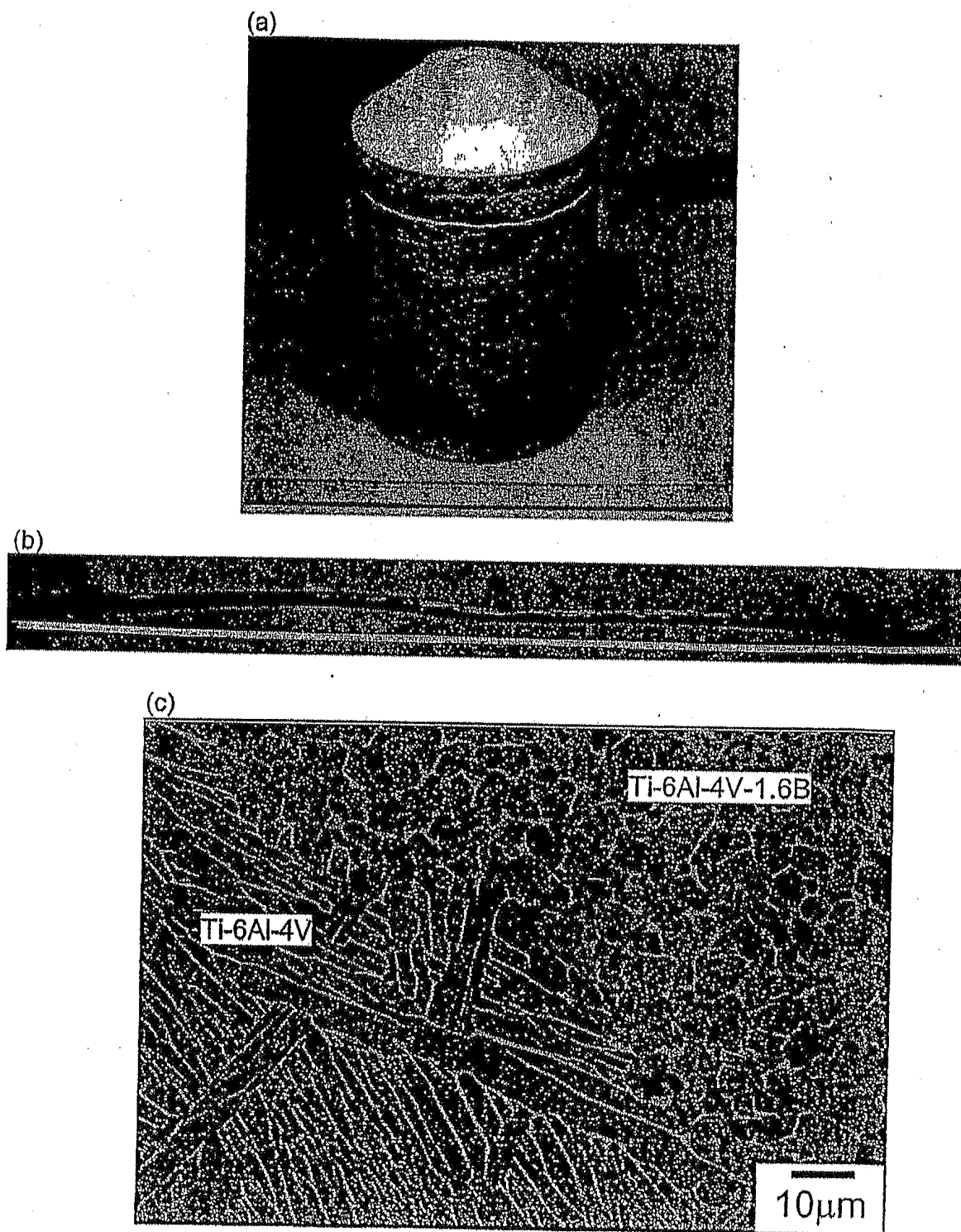


Fig. 5

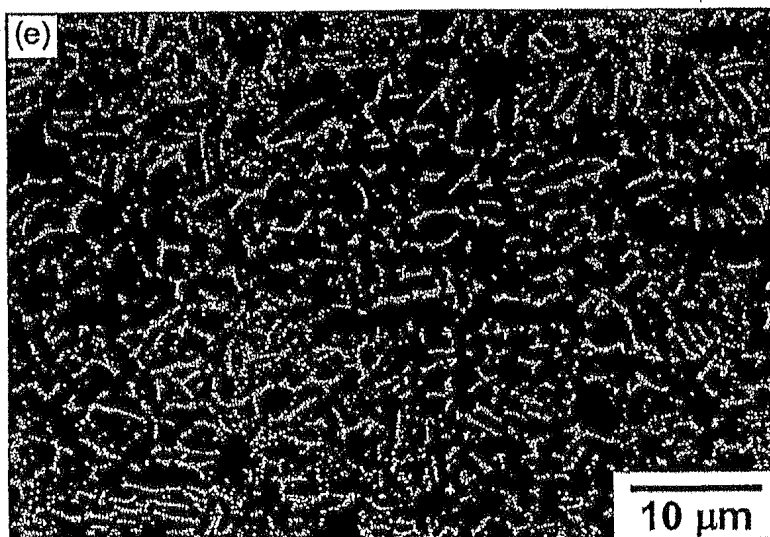
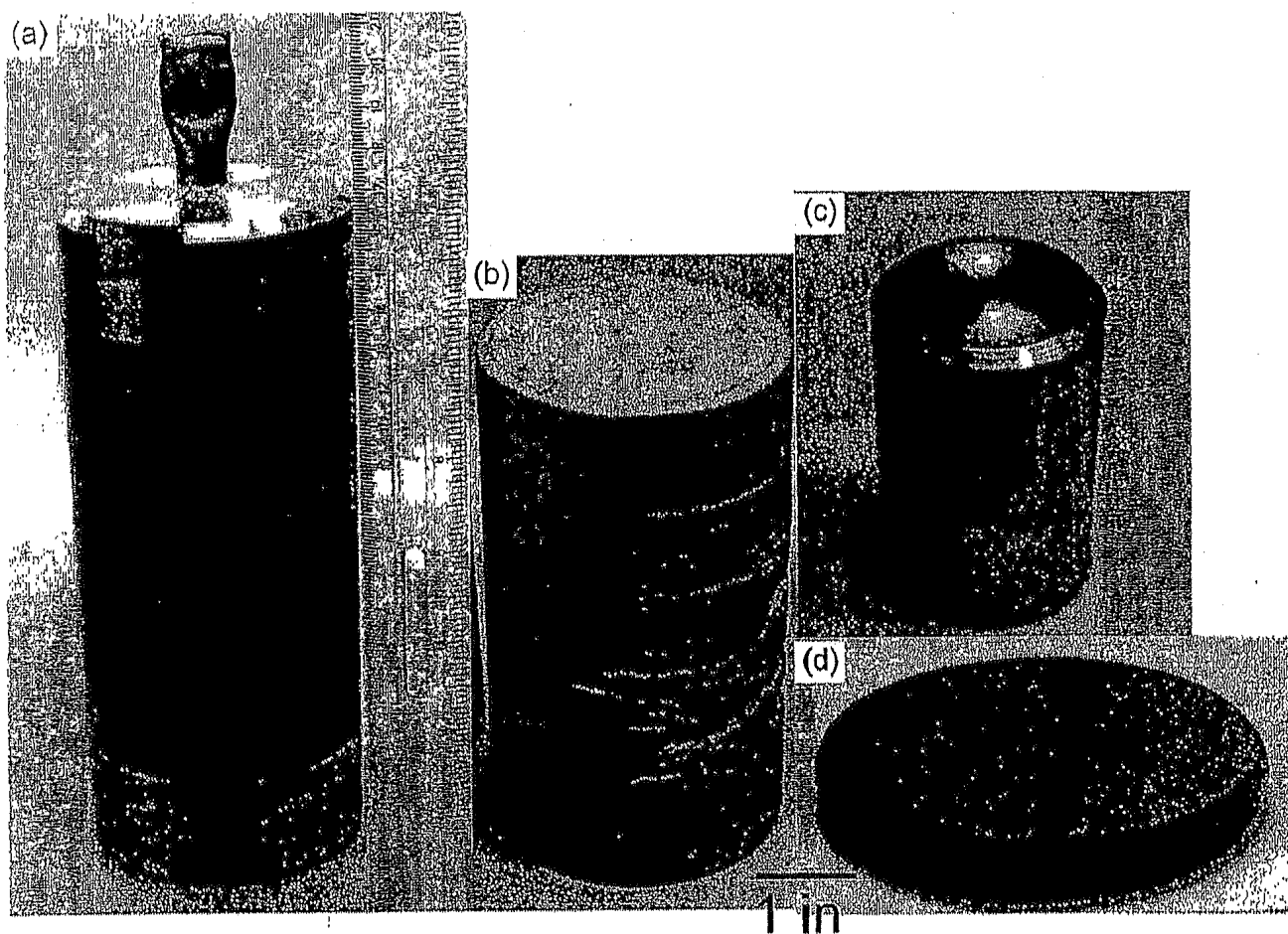


Fig. 6

Alloy	B	O	Al	V	Sn	Zr	Mo	Si	Fe	C	H	N	Others	Ti
CP Ti-0.02B	0.02	0.10	...	...	...	...	...	...	0.03	0.03	0.003	0.01	0.3	bal.
CP Ti-0.1B	0.11	0.12	...	...	...	...	...	...	0.03	0.02	0.003	0.01	0.3	bal.
CP Ti-0.4B	0.41	0.14	...	...	...	...	...	...	0.03	0.02	0.003	0.01	0.3	bal.
Ti64	...	0.21	5.90	3.85	...	...	...	...	0.21	0.02	0.006	0.02	0.2	bal.
Ti64-0.02B	0.02	0.14	5.83	3.97	...	...	...	...	0.14	0.02	0.004	0.01	0.2	bal.
Ti64-0.05B	0.045	0.19	6.02	3.83	...	...	...	...	0.14	0.02	0.006	0.01	0.2	bal.
Ti64-0.1B	0.11	0.14	5.83	3.83	...	...	...	...	0.13	0.03	0.003	0.01	0.2	bal.
Ti64-0.4B	0.47	0.18	5.92	3.90	...	...	...	...	0.13	0.02	0.004	0.01	0.2	bal.
Ti64-1B	0.94	0.19	5.78	3.82	...	...	...	...	0.20	0.03	0.007	0.01	0.2	bal.
Ti6242S-0.1B	0.12	0.20	5.88	...	1.94	4.16	1.93	0.12	0.04	0.01	0.004	0.008	0.2	bal.
Ti6242S-0.5B	0.59	0.22	5.86	...	1.93	4.17	1.93	0.14	0.05	0.01	0.004	0.009	0.2	bal.
Ti6242S-1B	1.01	0.21	5.83	...	1.93	4.10	1.96	0.13	0.05	0.01	0.006	0.01	0.2	bal.

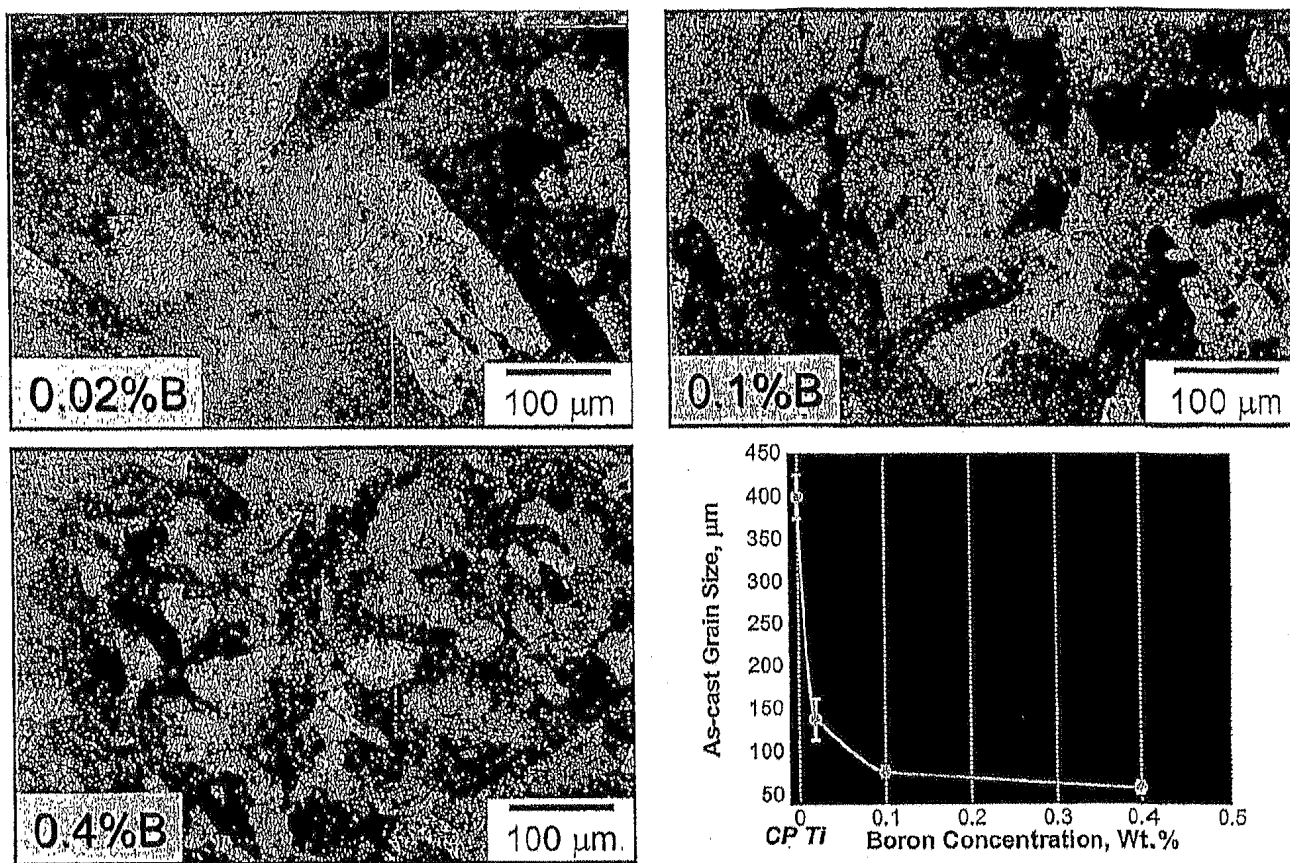


Fig. 8



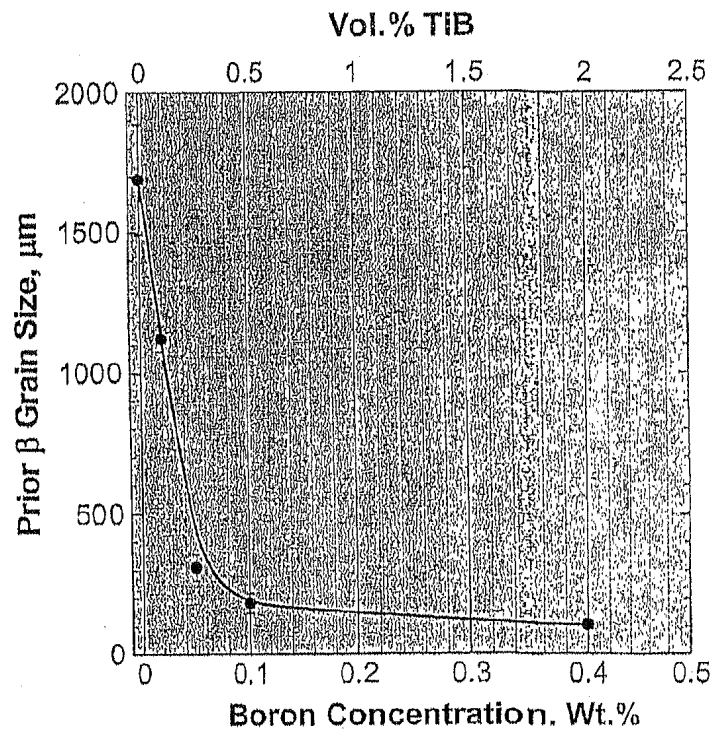
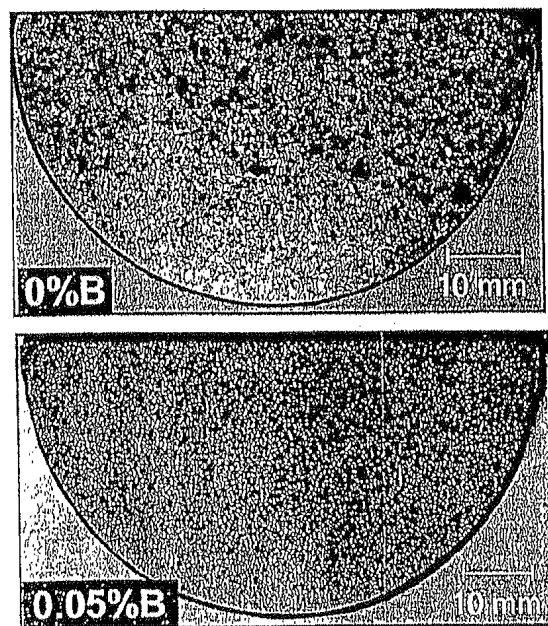
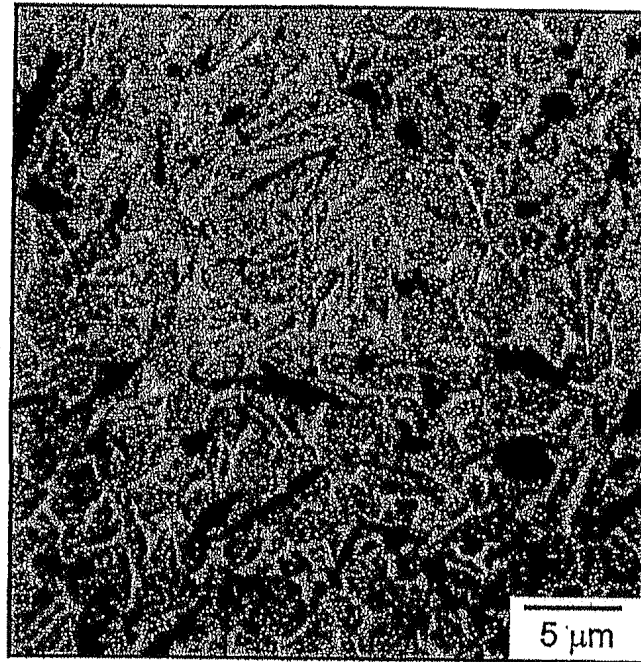
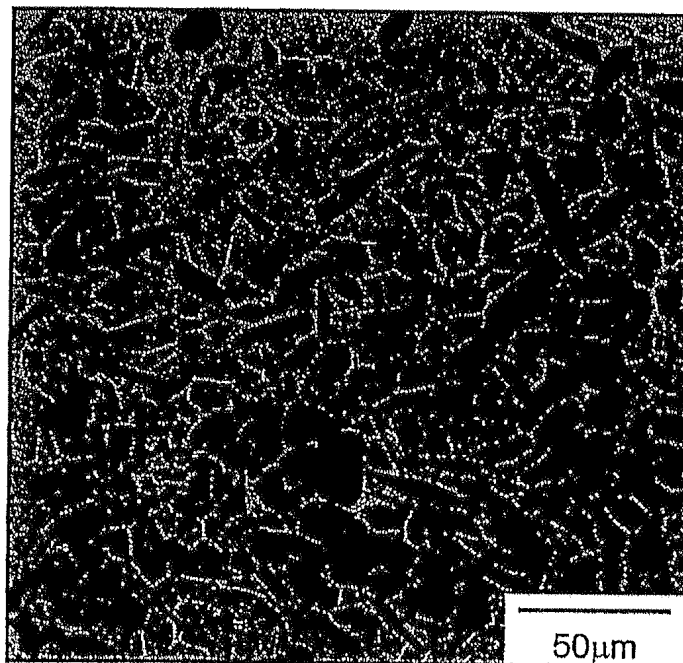


Fig. 9



(a)



(b)

Fig. 10

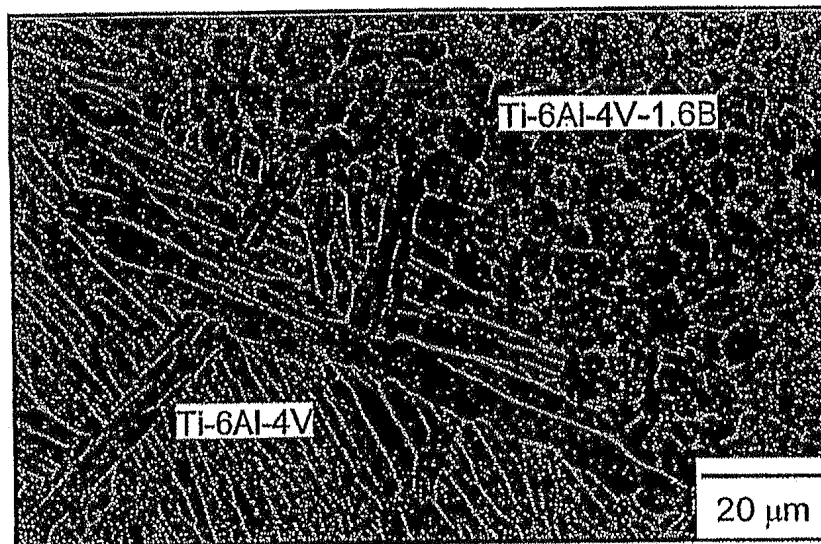


Fig. 11

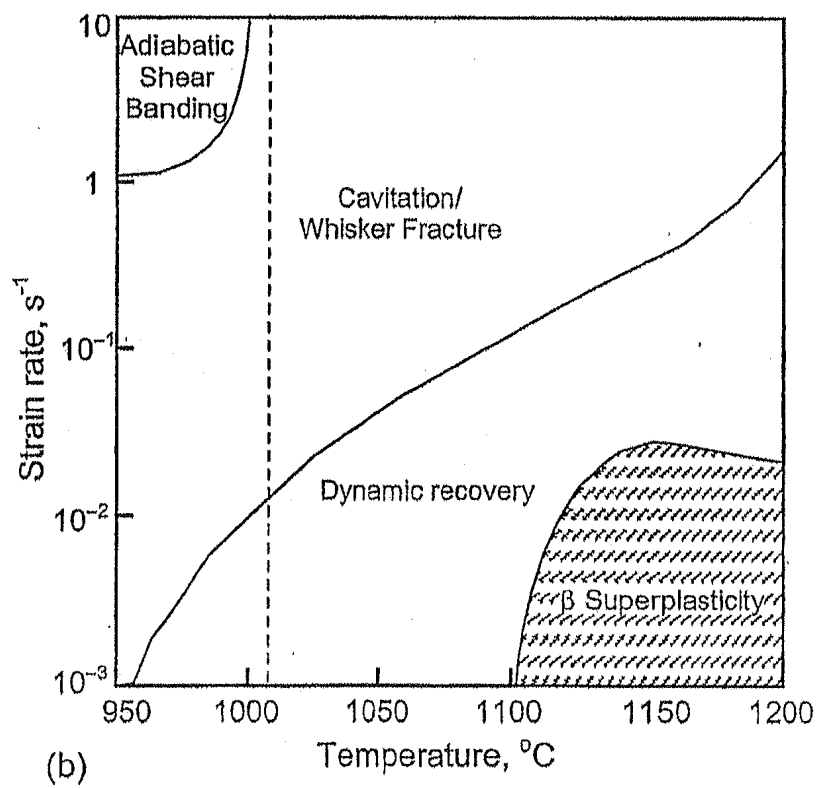
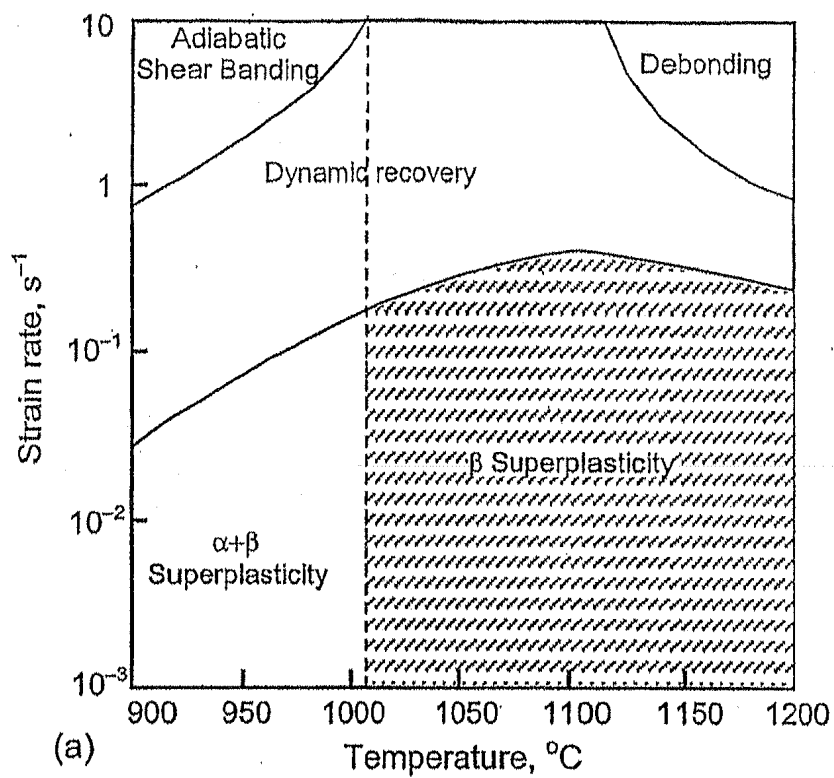


Fig. 12

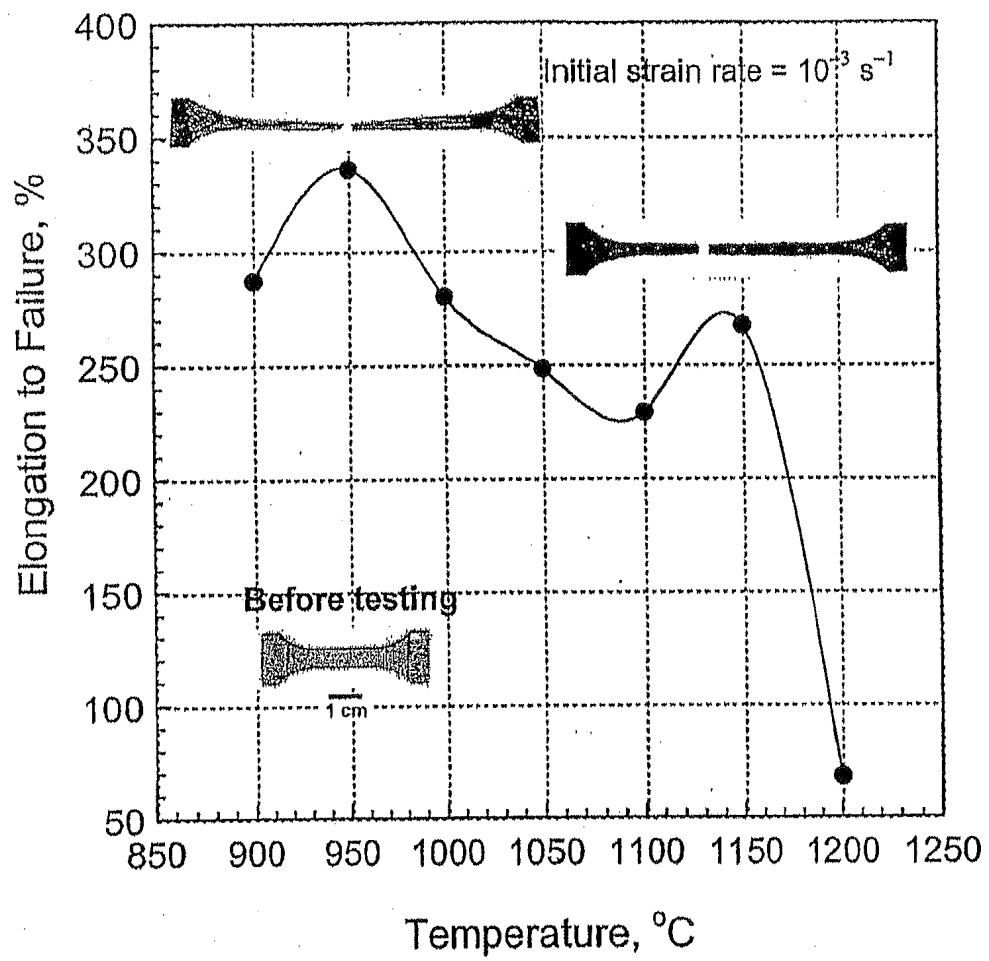


Fig. 13

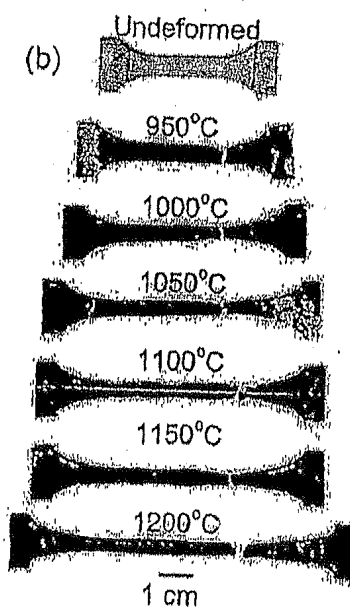
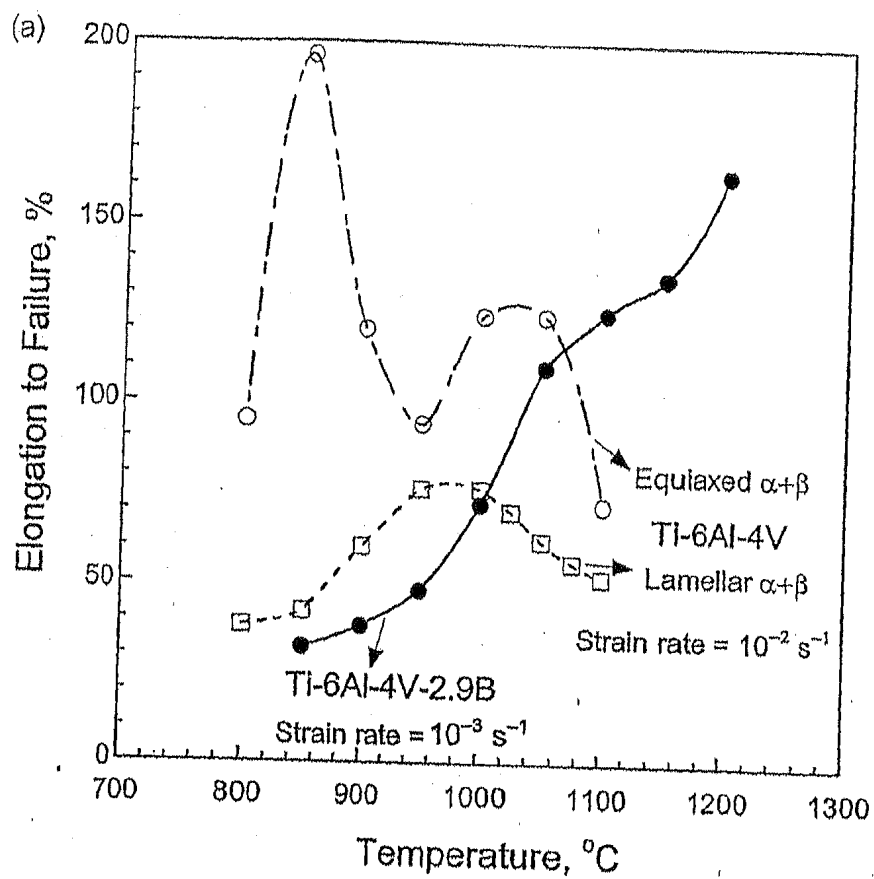


Fig. 14

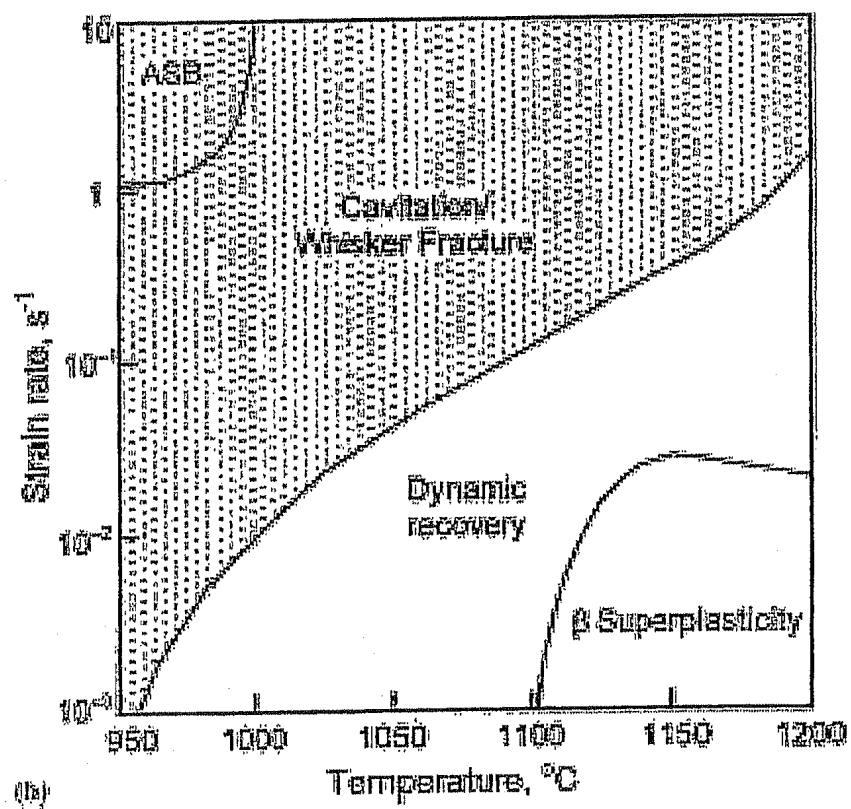
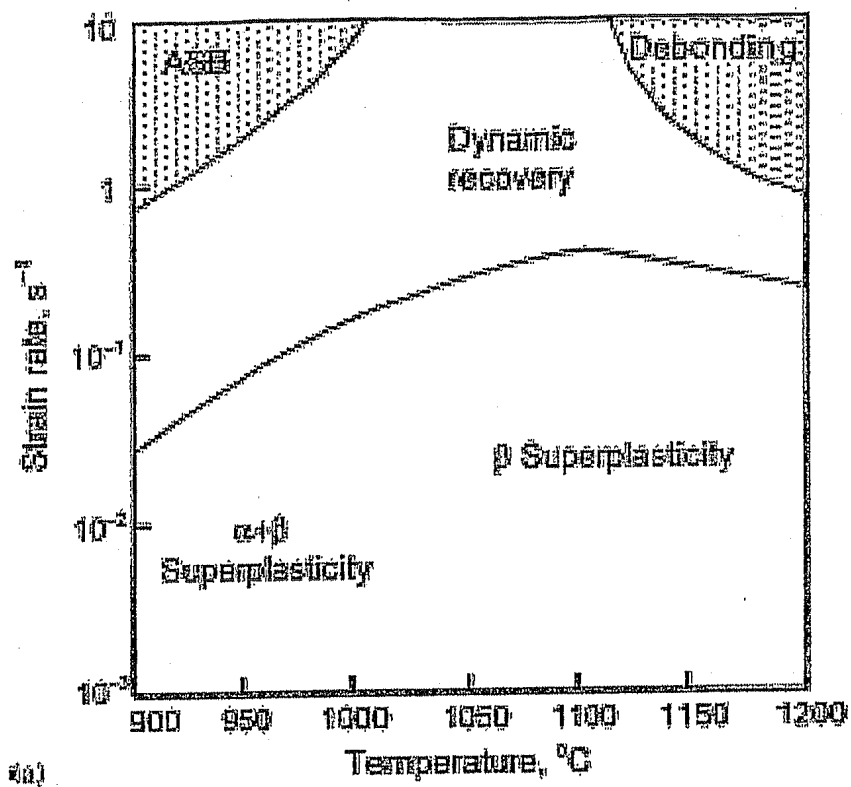


Fig. 15